

MAR 03 2004

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OFFICIAL

Docket No. 004522-00019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Wikiel, et al. **EXAMINER:** Not Yet Assigned
SERIAL NO.: 10/621,247 **GROUP:** Not Yet Assigned
FILED: July 16, 2003
FOR: METHOD AND APPARATUS FOR REAL TIME MONITORING
OF INDUSTRIAL ELECTROLYTES

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

FILED VIA FACSIMILE MARCH 3, 2004 TO: (703) 872-9306 (25 Pages)

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicant herewith submits the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- X (1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or
- (2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), is included

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herein; or

- (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification and fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

X are enclosed herewith; or

— are in the file of related application Serial No. 00/000,000, filed _____, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

CERTIFICATION

I hereby certify under 37 C.F.R. §1.97(c)(1) that the presently listed references were cited in a communication from a foreign patent office in a counterpart foreign application dated not more than three months prior to the filing of this Supplemental Information Disclosure Statement. A copy of that communication is also enclosed.

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FEE AUTHORIZATION

Applicant does not believe that any fees are due by virtue of the filing of this Information Disclosure Statement, if, however, any fee is required to enable this Information Disclosure Statement considered by the United States Patent and Trademark Office, charge any such required fee to Deposit Account No. 19-0733.

Respectfully submitted,



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Date: March 3, 2004

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005/025

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PTO/SB/08b(05-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/621,247
Filing Date	July 16, 2003
First Named Inventor	Wikiel, et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	004522-00019

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LEE ET AL., "Design Analysis of an Electroless Plating Bath Using CFD Technique", IEEE Transactions on Electronics Packaging Manufacturing, October 2000, Vol 23, No 4, pages 306-313, especially pages 30, 307 and 309.	
		THOMAS ET AL., "Issues Associated with the use of Electroless Copper Films for Submicron Multilevel Interconnection", Proceedings of the 7 th International IEEE VLSI Multilevel Interconnection Conference, June 1990, pages 335-337.	
		HO ET AL., "High Current Encapsulated Target System for Radioisotope Production", Proceedings of the 1997 Particle Accelerator Conference, May 1997, Vol 3, pages 3485-3487.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22614

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/18

US CL : 706/45

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 706/45Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
EAST DatabaseElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
IEEE Online Database, ACM Online Database, NEC Research Online Database and Google Internet Search.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LEE et al., "Design Analysis of an Electroless Plating Bath Using CFD Technique", IEEE Transactions on Electronics Packaging Manufacturing, October 2000, Vol 23, No 4, pages 306-313, especially pages 30, 307 and 309.	1
A	THOMAS et al., "Issues Associated With The Use of Electroless Copper Films For Submicron Multilevel Interconnections", Proceedings of the 7th International IEEE VLSI Multilevel Interconnection Conference, June 1990, pages 335-337.	1
A	HO et al., "High Current Encapsulated Target System for Radioisotope Production", Proceedings of the 1997 Particle Accelerator Conference, May 1997, Vol 3, pages 3845-3847.	1

☐ Further documents are listed in the continuation of Box C.

See patent family annex.

Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

16 January 2004 (16.01.2004)

Date of mailing of the international search report

13 FEB 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

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Form PCT/ISA/210 (second sheet) (July 1998)